DPPA3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	DPPA3, Polyclonal Antibody
Full Product Name	DPPA3 (Developmental Pluripotency-Associated Protein 3, Compaction-Associated Protein 1, Primordial Germ Cell Protein 7, Dppa3, Cap1p, Crg1, Pgc7) (Biotin)
Product Gene Name	anti-DPPA3 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes mouse Dppa3. Species Crossreactivity: mouse
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	17,670 Da
3D Structure	ModBase 3D Structure for Q8QZY3
Immunogen	KLH conjugated synthetic peptide corresponding to aa134-170 at the C-terminal region of mouse Dppa3.
Conjugate	Biotin
Note	Preservative Free
Product Categories/Family for anti-DPPA3 antibody	Antibodies; Cell Markers
Applications Tested/Suitable for anti-DPPA3 antibody	Western Blot (WB)
Application Notes for anti-DPPA3 antibody	WB: 1:1000 Applications are based on unconjugated antibody.
Related Product Information for anti-DPPA3 antibody	MBS6455614 is an antibody targeting DPPA3. Also known as DPPA3 (Developmental Pluripotency-Associated Protein 3, Compaction-Associated Protein 1, Primordial Germ Cell Protein 7, Dppa3, Cap1p, Crg1, Pgc7) (Biotin). Reactive in Mouse. Host: Rabbit.
Product References and Citations for anti-DPPA3 antibody	Saitou M., et al. Nature 418:293-300(2002). Sato M., et al. Mech. Dev. 113:91-94(2002). Bortvin A., et al. Development 130:1673-1680(2003). Li W., et al. Submitted (JUL-2002) to the EMBL/GenBank/DDBJ databases. Carninci P., et al. Science 309:1559-1563(2005).
Other Notes	Small volumes of anti-DPPA3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DPPA3. It may not necessarily be applicable to this product.

NCBI GI #	21218416
NCBI GeneID	73708
NCBI Accession #	NP_631964.1
UniProt Primary Accession #	Q8QZY3
UniProt Secondary Accession #	F6S6F5
UniProt Related Accession #	Q8QZY3
GenBank Nucleotide #	NM_139218.1
NCBI Official Full Name	developmental pluripotency-associated protein 3
NCBI Official Synonym Full Names	developmental pluripotency-associated 3
NCBI Official Symbol	Dppa3
NCBI Official Synonym Symbols	PCG7; PGC7; Stella; 2410075G02Rik
UniProt Protein Name	Developmental pluripotency-associated protein 3
UniProt Synonym Protein Names	Compaction-associated protein 1; Primordial germ cell protein 7
Protein Family	Developmental pluripotency-associated protein
UniProt Gene Name	Dppa3
UniProt Synonym Gene Names	Cap1p; Crg1; Pgc7
UniProt Entry Name	DPPA3_MOUSE
NCBI Protein Information	developmental pluripotency-associated protein 3; primordial germ cell 7; primordial germ cell protein 7; compaction-associated protein 1
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